

Tab F. "Selected matching items"

Claims using this term: claims 3, 6, 26, 28, and 29 of the '683 patent; claim 1 of the '172 patent

Lawson remaining terms and phrases 4

<u>Lawson's Proposed Definition</u>	<u>Lawson's Proposed Definition</u>
<p>one or more items selected by a user in the search program from the list of 'matching items' for inclusion in an order list</p>	<p>"Once Hit List 47 has been created by TV/2 search program 50, the user can view it and select particular ones of the located catalog items for Order List 48 that is being created in Shell 52, as shown in FIG. 1C." ('683 patent, Detailed Description of the Invention, 10:21-24 (emphasis added))</p> <pre> graph TD REQI([REQI 44A]) <--> Requisition[Requisition Item Table 46] TV2V123[TV2V123 60] --> Shell[Shell 52] Requisition <--> TV2V123 TV2V123 <--> HitLists[Hit Lists 47] HitLists <--> OrderLists[Order Lists 48] OrderLists <--> Shell Shell <--> HitLists </pre> <p style="text-align: right;">FIG. 1C ('683 patent, Fig. 1C)</p> <p>"When a search is performed in Shell 52 and search program 50, a Hit List 47 is produced, as indicated in FIG. 1C. The user would see on monitor 22 of local computer 20 a Hit List 47 screen representing limited data about all matching catalog items that were located in catalog database 36 as a result of the search." ('683 patent, Detailed Description of the Invention, 9:38-43 (emphasis added))</p>

Tab F: "Selected matching items"

6,023,683

9

return to REQI program 44A and its associated Requisition Management data screen 110 without processing any of the records.

ESCP program 80 links with Shell 52 and TV/2 search program 50 via DDE LINK 90. Shell 52 and TV/2 search program 50 search in catalog database 36 for the item or items desired to be requisitioned that has or have been passed from ESRC program 70 to ESCP program 80. Catalog database 36 contains the following fields: vendor name, vendor number, vendor part (catalog) number, product description, list price, page number, quantity, unit, catalog text, and catalog images. Shell 52 and TV/2 search program 50 may, if desired, search the keyword field or any other field shown in Appendix VII. However, not all fields may appear on the monitor 22 of local computer 20, although they are stored in memory.

After the user has pressed the F11 key from Requisition Management data screen 110 and control has been passed from REQI program 44A to Shell 52 and TV/2 search program 50, monitor 22 of local computer 20 will show a footer bar representative of Shell 52 at all times that the user is in the TV/2 search program 50. The footer bar, which also includes appropriate icons, is used to make choices within Shell 52. A sample of the footer bar (without the icons) representing Shell 52 is shown at the base of Appendices III-VII. In the screens of Appendices III-VI, this footer bar is active to select functions. In the screen of Appendix VII, this footer bar is in the background and another footer bar is used to select functions.

If the user has marked an item on Requisition Management data screen 110 with the designation "S," the entered data at least partially describing that item will be sent to Shell 52 and TV/2 search program 50A in the manner described above. TV/2 search program 50 will search catalog database 36 for all items that match the search field sent over from REQI program 44A and Requisition Management data screen 110. When a search is performed in Shell 52 and search program 50, a Hit List 47 is produced, as indicated in FIG. 1C. The user would see on monitor 22 of local computer 20 a Hit List 47 screen representing limited data about all matching catalog items that were located in catalog database 36 as a result of the search. A sample Hit List 47 produced from search initiated when the entry "OVENS" is received as the description or keyword by search program 50 from Requisition Item Table 46 is shown in Appendix III. Similar Hit Lists 47 are produced when various searches are performed from the Search Input screen shown in Appendix VII. When a Hit List 47 is depicted on monitor 22, the underlying catalog text and pictures (in either partial or complete form) are typically collected in a memory location for rapid viewing, printing or other use.

When multiple catalogs are present in catalog database 36, search program 50 contains a function associated with the catalog symbol of the footer bar and screen window (not shown) for selecting catalogs to be searched. For example, the following choices might be available:

1. Fisher General Catalog 93-94;
2. Fairmont Supplies Catalog;
3. NIST Standards Catalog; and
4. Promega Biological Research Products Catalog.

Fairmont and NIST catalogs list products not in the Fisher General Catalog, but many of the products listed in the Promega catalog are also listed in the Fisher General Catalog (identified by corresponding Fisher catalog numbers). If searching for a molecular biology product, the user would select the Fisher and Promega catalogs. TV/2 search pro-

10

gram 50 would then concatenate those two catalogs to perform a keyword, catalog number or other subject search and generate a Hit List of pages (panels) from both catalogs where the searched-for items were found. Similarly, the user might select the Fisher and NIST catalogs when searching for quality control standards or might select the Fisher and Fairmont catalogs when searching for supplies.

If the search is initiated from requisition/purchasing program 40, for example from the Requisition Management data screen 110 of the Fisher RIMS system, then the catalogs searched can be determined by the information provided. If, for example, Promega is indicated as the desired requisition item vendor, interface 60 would direct TV/2 search program 50 to search the Fisher and Promega catalogs. If Fairmont is indicated as vendor, the interface would direct TV/2 to search the Fairmont and Fisher catalogs. If no catalog delimiting information is entered for the item desired to be requisitioned, interface 60 would be set up to search only the Fisher catalog or, alternatively, to search all catalogs in catalog database 36.

Once Hit List 47 has been created by TV/2 search program 50, the user can view it and select particular ones of the located catalog items for Order List 48 that is being created in Shell 52, as shown in FIG. 1C. For example, a search for "Eco RI," a restriction enzyme, may have uncovered five entries in the Promega catalog (identified by Promega catalog numbers R6011, R6012, R6013, R6015 and R401) and five entries in the Fisher catalog (identified by Fisher catalog numbers PRR6011, PRR6012, PRR6013, PRR6015 and PRR4014). If the user selected PRR6012 from the Fisher catalog, Fisher catalog number PRR6012 would be added as an entry to the Items Selected screen, with VN000000001 (identifying the vendor as distributor Fisher) accompanying it in the Order List 48. If the user instead selected the item identified by catalog number R6012 from the Promega catalog, then Promega catalog number R6012 would be added as an entry to the Items Selected screen, with VN000005860 (identifying the vendor as Promega) accompanying it in the Order List. In either case, the information transmitted to REQI program 44A of Fisher RIMS system 40 would also include description, list price and other information taken from the catalog database from which the selection was made. When the resultant requisition is sourced, however (as described below), Distributor's mainframe host computer 10 would recognize the entry for the item from vendor Promega's catalog (R6012, 00005860) as corresponding to that same item available from Fisher's catalog (PRR6012, 00000001). The system thus would transmit back the Customer's contract price and availability for corresponding item PRR6012 as a type 03 (regular Distributor) product available from one of distributor's inventory locations. A purchase order then would be generated for this corresponding Distributor item as further described below.

By contrast, an item selected from the Fairmont catalog would be transferred to Fisher RIMS system 40 with the vendor number for Fairmont, and would be recognized during inventory sourcing as either a type 07 product (that Distributor orders from Fairmont) or as a type 05 item (that Customer orders from Fairmont as an Administrative Purchase). In either of these two cases, a purchase order would be generated for an item, corresponding to a desired catalog item, that is identified by the same Fairmont catalog number that was requisitioned.

After the desired item has been selected from the Hit List 47 by double clicking on that item TV/2 search program 50 can be used to bring up for viewing on monitor 22, or